

### **Abstract of the Disclosure**

An intake system for the combustion air of a motor of a hand held implement is provided. The system includes an air filter and a centrifugal separator. The air filter has a dirt chamber and a clean chamber that is separated therefrom by a filter medium. The clean chamber is fluidically connected with a carburetor of the motor to convey combustion air to the motor. The centrifugal separator splits the air stream into a core flow having low particle density and a peripheral flow having high particle density. The centrifugal separator includes at least two cyclones, wherein the discharged flows from the cyclones are respectively combined in pairs and open out into a common suction tube.